

Technical Note (tcpmdt_es_v85_gen002_LocalProtectionSystem_r1)

MDT local protection issues

Update Date:

14/06/2022

Requirements

MDT versions: 8.0 to 8.5

Objective

This document aims to solve the issues related to the activation and operation of the MDT license in local mode (standalone). For network licenses consult the specific technical note in the support area of the <u>https://www.aplitop.com/aplitop-academy</u> web page.

There are several possible warnings, and more than one can be given. It is necessary to correct them in the order in which they occur.

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Case 1: "Hardlock not found" error

Checking the installed serial number

To check the serial number, run the CAD and press F2 to activate the text window. Find the MDT copyright message, for example:

XXX - Serial Number: **149** MDT v 8.5 - AutoCAD 2021-2023

It is also possible to run the MDT8 command > About Tcp-MDT. In the window that appears, the serial number is in the center of the window. This last option is recommended when you are working with MDT 8.5.

bout MDT							
ap	lito	p	Developers Aplitop S.L. Sumatra,9 - E2 +34 95 243977 support@aplito www.aplitop.co	9190 Malaga (S 71 op.com om	ipain)		
Environment							
Platform:	Microsof	t Windows NT Ve	ersion 10.0 (x64)				
CAD:	AutoCAE) 24.2s (LMS Tec	h)				
License							
User:	Aplitop S	.L.					
Serial Number:	[149] SP	- Maintenance c	ontract to 31/12/202	2			
Directory:	irectory: c:\program files (x86)\aplitop\mdt8\r24x64						
Products							
Name				Version	Date	^	
MDT v8 Professiona	I + Surveying			8.5.49	08/06/2022		
Image Module (not a	vailable)			8.5.03	08/06/2022		
Alineaciones				85.04	08/06/2022		
Bases				85.05	08/06/2022		
Cartografia				8.5.05	08/06/2022		
Configuracion				8.5.13	08/06/2022	¥	
Stations		Carto	graphy	Alignments			
Grids		Po	ints	Grade Lines			
Surfaces		Cross-	sections	Surveying			
ОК		Print	Evport	Licen			

Checking the serial number of the protection key

Then check if the serial number of the program is the same as the one assigned to the protection key. To know what this number is (regardless of the label that the key may have) run the USBDiag.exe utility located in the \Driver folder inside the MDT8 installation folder, by default c:\program files (x86) \Aplitop\MDT8.

When you run the program, a window appears with the information that has been read from the USB.

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www USB Diag	×
apli	iop
USB	System
Version: -	Windows 6.2 (9200)
Serial number:	Sentinel Driver: 7.5.0
User: -	localhost
ID: -	
Copy Export	Refresh DK

If the fields with a hyphen appear in the window, there are three possibilities:

- The USB key is not connected. Plug it into an available USB port, wait for the operating system to recognize the connected device, and then press the **Refresh** button.
- The protection key is connected, but the appropriate driver is not installed. Read below Case 2. Sentinel.
- The USB key is connected, but it does not work. If you have an LED light, it is not on. It is necessary in this case to physically send the key to the APLITOP facilities, for change or repair.



Verify that the version is 1. If it were 4, it means that the license has expired. Proceed asCase 3: Error "Your MDT demo evaluation period is over".

Check that the serial number (149 in this case) is the same as the one located in the program. If not, here's the reason for the error: the protection key has a different number than the program you installed. This is because the installation files do not correspond to or the protection key. Verify that they have not been confused with those of another user, and if necessary contact the APLITOP Administration department.



Case 2. Sentinel Driver Installation

With the USB disconnected, open a window in the Driver folder within the MDT8 installation directory, by default c:\program files (x86)\Aplitop\MDT8. Run the Setup.exe file and follow the installation steps. When finished, connect the USB key and in case the program proposes it, restart the computer

Case 3: Error "Your MDT demo evaluation period is over"

Your license is provisional and has expired.

One cause is the use of a demo version instead of a commercial one. In this case, you must acquire a commercial license to continue with its use.

Another possible cause is the recent a change from old protection key to USB, and not having sent the original key. Once received, we will send you an email with instructions to permanently activate your license. Contact the APLITOP Administration department for more details.

Case 4: "Incorrect Hardlock" Error

The protection key is from an old model not supported. As the message indicates, MDT8 cannot work and it is necessary to replace the key with another USB one by physically sending it to the APLITOP offices. Depending on the dates of purchase and whether or not it has maintenance in force, it could have a cost. Contact the Administration department for more information.

Case 5: "Sentinel key not found (H0007)" error

This error may appear only with MDT8.5 when trying to run an MDT command.



In this case, the program does not find the corresponding license, either because the physical USB has not been connected, or the software license has not been installed.

Software License

First, verify that the Sentinel LDK runtime has been installed. To do this, in the **Aplitop** program group, run the **Sentinel Admin Control Center**.

You can also open a web browser at the <u>address http://localhost:1947</u>. A web page similar to this should appear:

Sentinel Admin Control Center .								🛛 Help	
	Sentinel	Sentinel Keys Host Name							
Sentinel Keys	Location	Vendor	Key ID	Key Type	Configuration	Version Sessions	Actions		
Products	Local	2138536 (2138536)		Reserved for New SL Key	SL	8.41	Eingerprint		
Features									
Sessions									
Update/Attach									
Access Log									
Configuration									
Diagnostics									
	© 2022 Thales	Oroup. All Rights Reserved	1.	English Deutsch Español Français	Italiano 日本語	Русский Ф.Х.		Run-time installer 8.41.130417.1	

If it does not appear, open a file explorer in the MDT8 installation folder, by default c:\program files (x86)\aplitop\MDT8 and enter the Driver folder to run the HaspUserSetup.exe program.

Among the licenses that may appear, we must pay attention to those that appear with **2138536 Provider** (APLITOP). These are the possibilities:

When the license has not been installed, a line like the following appears:

Location	Vendor	Key ID	Кеу Туре	Configuration	Version	Sessions	Actions
Local	2138536 (2138536)		Reserved for New SL Key	SL	8.41		🛓 Fingerprint

Verify that a number greater than 8 appears in the **Version** column. Otherwise, contact <u>support@aplitop.com</u> indicating this circumstance.

If the version is correct, by clicking on the **Fingerprint** button you can download a file that you can send to <u>support@aplitop.com</u> to request a software license, in case you have contracted this type of licensing.

Once the software license is installed, it should have a line similar to this:

Location	Vendor	Key ID	Кеу Туре	Configuration	Version	Sessions
Local	2138536 (2138536)	618510138634382891	HASP SL AdminMode Rehostable		8.23	

Hardware License

As in the previous case of software licenses, running the **Sentinel Admin Control Center**, if you have a USB license of type Sentinel HL connected, you should want a line with 2138536 Provider (APLITOP) similar to the following:

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Sentinel Admin (Control (Center								0 Help
	Sentinel	Keys Host Name:								
Sentinel Keys	Location	Vander	Key ID	Key Tune		Contrauntion	Version	Gersions	Articles	
Products	Local	2138536 (2138536)	Nej ID	Reserved for New SL. Key		SL	8.41	Oessions	L Fingerprint	
Features	Local	2138536 (2138536)	196297652	Sentinel HL Pro	E D	Driveriess	4.31		[Products] [Features] [Sessions] [Blink on] 🛓 Ci	2V
Sessions										
Update/Attach										
Access Log										
Configuration										
Diagnostics										
	© 2022 Thales	Group. All Rights Reserved		nglish Deutsch Español Fran	çalı ita	liano Eitata	Русский	Ф Х	Run-time installer 8.41.1	30417.1

If you have Sentinel HL USB key connected, and it does not appear on this page, please contact support@aplitop.com.

Case 6: Error "Feature has expired (H0041)"

If you run an MDT8.5 command and see a warning like this, the license has expired.



In this case, contact <u>comercial@aplitop.com</u> to renew the license rental.